

What is claimed:

- 1) A transfer bag comprising a bag having a first porous section and a second non-porous section, wherein after sterilization by a means selected from the group consisting of steam and sterilizing gas, the contents are moved to the second non-porous section of the bag and then the bag is sealed adjacent to an interface between the first and second portions to form a sterile, sealed region.
- 2) The transfer bag of claim 1 wherein the bag further comprises a closed collar attached to the non-porous section of the bag that is designed to fit onto a transfer port.
- 3) The transfer bag of claim 1 wherein the bag contains components to be sterilized and transferred to an isolator.
- 4) The transfer bag of claim 1 wherein the bag contains sterile components having been steam sterilized in the bag and the bag contains a seal in the non-porous section adjacent to an interface between the first and second sections to ensure the sterility of the bag and its contents.
- 5) The transfer bag of claim 1 wherein the bag contains sterile components having been steam sterilized in the bag and the bag contains a seal in the non-porous section adjacent to an interface between the first and second sections to ensure the sterility of the bag and its contents and the bag and its contents being under a slight vacuum.
- 6) The transfer bag of claim 1 wherein the bag contains sterile components having been steam sterilized in the bag and the bag contains a seal in the non-porous section adjacent to an interface between the first and second sections to ensure the sterility of the bag and its contents and the bag and its contents being under a slight positive pressure.
- 7) The transfer bag of claim 1 wherein the bag contains sterile components having been steam sterilized in the bag and the bag contains a seal in the non-porous section adjacent to an interface between the first and second sections to ensure the sterility of the bag and its contents and the bag containing a

pressure port in its second section so that the bag and its contents are under a slight positive pressure.

- 8) The transfer bag of claim 1 wherein the first section of the bag forms a portion of a first surface of the bag.
- 9) The transfer bag of claim 1 wherein the bag has two surfaces and the first section of the bag forms a portion of both surfaces of the bag.
- 10) The transfer bag of claim 1 wherein the bag has two surfaces, the first section of the bag forms a portion of both surfaces of the bag and the first section of each surface is in register with each other.
- 11) The transfer bag of claim 1 wherein the bag has two surfaces and a first and second end, the first section of the bag forms a portion of both surfaces of the bag at the first end of the bag and the first section of each surface is in register with each other.
- 12) The transfer bag of claim 1 wherein the bag has two surfaces and a first and second end, the first section of the bag forms a portion of one surface of the bag at the first end of the bag.
- 13) The transfer bag of claim 1 wherein the bag contains sterile components having been steam sterilized in the bag and the bag contains a seal in the non-porous section adjacent to an interface between the first and second sections to ensure the sterility of the bag and its contents and the bag containing a vacuum port in its second section so that the bag and its contents are under a slight vacuum.
- 14) The transfer bag of claim 1 wherein the first section of the bag is formed of a material selected from the group consisting of non-wovens and microporous materials.
- 15) The transfer bag of claim 1 wherein the second section of the bag is formed of a plastic selected from the group consisting of polyolefins, PET, polyester, PVDF, PES, polysulfone, polyethersulfone, polyarylsulfone, polyphenylsulfone, PVC, acrylic resins, methacrylic resins, EVA copolymers, EVOH and blends, metallized versions of the above, laminates and composites of any of the above.

- 16) A process for sterilizing and creating an indication of integrity comprising the steps of providing a bag having two sections, a first porous section and a second non-porous section, an open end and a closed end, filling the bag with a selected component, forming a first seal the bag at the open end, subjecting the bag and its contents to steam for a period of time sufficient to sterilize the contents, moving the contents to the second section of the bag and forming a second seal in the non-porous section between the contents and the porous section.
- 17) The process of claim 16 further comprising the step of applying a vacuum to the second section during or after the formation of the second seal.
- 18) The process of claim 16 further comprising the step of applying a positive pressure to the second section during or after the formation of the second seal.
- 19) The process of claim 16 further comprising the step of applying an integrity test the bag after formation of the second seal.
- 20) The process of claim 16 further comprising the step of applying an integrity test the bag after formation of the second seal wherein the test is selected from the group consisting of pressure holding, pressure decay, vacuum holding and vacuum decay test.